

LISTING OF CLAIMS

1. (currently amended) A heating-Heating element (40) for a filter press, the filter press being capable of being which can be supplied with a fluid heating medium and comprising:

5 a base; and

which has at least one heating plate (60, 80) extending over a plane and made of a heat-conducting material, which is attached to a the base;
(20) of the heating element (10);

characterized by the fact that

10 wherein each the heating plate (60, 80) is attached to the base (20) exclusively in one continuous partial area that whereby the surface of the continuous adjacent partial area is smaller than the remaining surface of the heating plate; and

15 wherein the continuous partial area is surrounded in the plane by an external area of the at least one heating plate in which the at least one heating plate is not attached to the base.

2. (currently amended) A heating-Heating element according to claim 1, characterized by the fact that wherein the expansion of the continuous partial area at least in one of two directions which span-mount [aufspannen] the plane of the heating plate
20 and are perpendicular to each other does not exceed 50% of the maximal expansion of the heating plate (60, 80) in this direction.

3. (currently amended) A heating-Heating element according to claim 2, characterized by the fact that wherein the continuous area in both directions which span mount [aufspannen] the plane of the heating plate and are perpendicular to each other,
25 does not exceed 50% of the maximal expansion of the heating plate (60, 80) in each of the directions.

4. (currently amended) ~~A heating-Heating~~ element according to one of the claims 1 through 3, ~~characterized by the fact wherein:~~

~~that the heating element (10) has a central borehole (24); and~~

~~whereby the at least one heating plate (60, 80) is attached to the base (20) only in one the continuous partial area, which is located around the central borehole (24).~~

5. (currently amended) ~~A heating-Heating~~ element according to one of the claims 1 through 3, ~~characterized by the fact that wherein~~ the heating element (10) has a borehole in a corner area whereby ~~the~~ at least one heating plate (60, 80) is fastened to the base (20) in only ~~one the continuous~~ partial area, ~~which is~~ at the corner borehole.

6. (currently amended) ~~A heating-Heating~~ element according to one of the claims 1 through 3, ~~wherein the characterized by the fact that~~ at least one heating plate (60, 80) is attached to the base (20) ~~essentially only~~ substantially on one edge area of the heating plate (60, 80).

7. (currently amended) ~~A heating-Heating~~ element according to one of the claims 1 through 3, ~~wherein the previous claims, characterized by the fact that~~ at least one heating plate (60, 80) extends in the direction of its plane only within the lateral dimensions of the base (20).

8. (currently amended) ~~A heating-Heating~~ element according to one of the claims 1 through 3, ~~wherein the 6, characterized by the fact that~~ at least one heating plate (60, 80) extends beyond the base (20) in the direction of its plane at least on one side.

9. (currently amended) ~~A heating-Heating~~ element according to one of the claims 1 through 3, ~~wherein previous claims, characterized by the fact that~~ the heating element (10) comprises two heating plates (60, 80).

10. (currently amended) ~~A heating-Heating~~ element according to claim 9, ~~wherein characterized by the fact that~~ at least one connector (100) is provided to hold the two heating plates (60, 80) in a fixed position relative to each other.

11. (currently amended) A heating-Heating element (10) for a filter press according to one of claims 1 through 3, comprising:

which can be supplied with a fluid heating medium, with a base (20)
and two heating plates (60,80) of a heat-conducting material and
extending substantially essentially over one plane[.];

whereby wherein the base (20) is positioned between the heating plates
(60, 80)[.];

characterized by the fact that

wherein the heating plates (60,80) are connected to each other by
means of spacers external to the lateral expansion of the base (20)[.];
and

whereby wherein the entire base (20) can move freely at least in one
degree [in einem Masse] dimension relative to the heating plates (60,
80) such that a different, thermally-determined expansion of the
heating plates (60,80) on the one hand, and of the base (20) on the
other, is possible.

12. (currently amended) A heating-Heating element according to one of the claims 1 through 3, wherein previous claims, characterized by the fact that the heating plate (60, 80) has a thickness of at most 2 mm.

13. (currently amended) A heating-Heating element according to one of the claims 1 through 3, wherein previous claims, characterized by the fact that a seal between at a minimum one heating plate (60,80) and the base (20) is circumferentially located at the most exterior edge area of the heating element (10).

14. (currently amended) A heating-Heating element according to one of the claims 1 through 3, wherein previous claims, characterized by the fact that the minimally one heating plate (60, 80) is made of a metal or a heat-conducting synthetic or a combination of the two.

15. (currently amended) A heating-Heating element according to one of the claims 1 through 3, wherein previous claims, characterized by the fact that the base (20) is made of a synthetic material.